



SEQUENCE LISTING

<110> F...e, Steven L.
Oh, Esther H.
Walsh, Michael

<120> Methods of Diagnosing Liver Fibrosis

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<151> 2002-02-28

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caa gag ctg tgt ggg act gag gtg cct tca gtt cct gaa cac gga agg	192
Gln Glu Leu Cys Gly Thr Glu Val Pro Ser Val Pro Glu His Gly Arg	
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aaa gac aca gtc atc aag cct ctg ttg gtt gaa cct gaa gga cta gag	240
Lys Asp Thr Val Ile Lys Pro Leu Leu Val Glu Pro Glu Gly Leu Glu	
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aag gaa aca aca ttc aac tcc cta ctt tgt cca tca ggt ggt gag gtt	288
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Ala Arg Ala Ser Val Ser Val Leu Gly Asp Ile Leu Gly Ser Ala Met	
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caa aac aca caa aat ctt ctc cag atg ccc tat ggc tgt gga gag cag	432
Gln Asn Thr Gln Asn Leu Leu Gln Met Pro Tyr Gly Cys Gly Glu Gln	
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aat atg gtc ctc ttt gct cct aac atc tat gta ctg gat tat cta aat	480
Asn Met Val Leu Phe Ala Pro Asn Ile Tyr Val Leu Asp Tyr Leu Asn	
145 150 155 160	
gaa aca cag cag ctt act cca gag atc aag tcc aag gcc att ggc tat	528
Glu Thr Gln Gln Leu Thr Pro Glu Ile Lys Ser Lys Ala Ile Gly Tyr	
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ctc aac act ggt tac cag aga cag ttg aac tac aaa cac tat gat ggc	576
Leu Asn Thr Gly Tyr Gln Arg Gln Leu Asn Tyr Lys His Tyr Asp Gly	
180 185 190	
tcc tac agc acc ttt ggg gag cga tat ggc agg aac cag ggc aac acc	624
Ser Tyr Ser Thr Phe Gly Glu Arg Tyr Gly Arg Asn Gln Gly Asn Thr	
195 200 205	
tgg ctc aca gcc ttt gtt ctg aag act ttt gcc caa gct cga gcc tac	672
Trp Leu Thr Ala Phe Val Leu Lys Thr Phe Ala Gln Ala Arg Ala Tyr	
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Gln Arg Gln Lys Asp Asn Gly Cys Phe Arg Ser Ser Gly Ser Leu Leu	
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Asn Asn Ala Ile Lys Gly Gly Val Glu Asp Glu Val Thr Leu Ser Ala	
260 265 270	
tat atc acc atc gcc ctt ctg gag att cct ctc aca gtc act cac cct	864
Tyr Ile Thr Ile Ala Leu Leu Glu Ile Pro Leu Thr Val Thr His Pro	
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Val Val Arg Asn Ala Leu Phe Cys Leu Glu Ser Ala Trp Lys Thr Ala	
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Lys Ser Leu Asn Glu Glu Ala Val Lys Lys Asp Asn Ser Val His Trp	
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Tyr Leu Thr Ala Gln Pro Ala Pro Thr Ser Glu Asp Leu Thr Ser Ala	
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Thr Asn Ile Val Lys Trp Ile Thr Lys Gln Gln Asn Ala Gln Gly Gly	
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Ile Gln Ser Ser Gly Thr Phe Ser Ser Lys Phe Gln Val Asp Asn Asn	
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Asn Arg Leu Leu Leu Gln Gln Val Ser Leu Pro Glu Leu Pro Gly Glu	
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Tyr Ser Met Lys Val Thr Gly Glu Gly Cys Val Tyr Leu Gln Thr Ser	
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Leu Lys Tyr Asn Ile Leu Pro Glu Lys Glu Glu Phe Pro Phe Ala Leu	
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Gly Val Gln Thr Leu Pro Gln Thr Cys Asp Glu Pro Lys Ala His Thr	

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Leu Lys Pro Thr Val Lys Met Leu Glu Arg Ser Asn His Val Ser Arg			
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aca gaa gtc agc agc aac cat gtc ttg att tac ctt gat aag gtg tca			1776
Thr Glu Val Ser Ser Asn His Val Leu Ile Tyr Leu Asp Lys Val Ser			
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Asn Gln Thr Leu Ser Leu Phe Phe Thr Val Leu Gln Asp Val Pro Val			
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aga gat ctg aaa cca gcc ata gtg aaa gtc tat gat tac tac gag acg			1872
Arg Asp Leu Lys Pro Ala Ile Val Lys Val Tyr Asp Tyr Tyr Glu Thr			
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Asp Glu Phe Ala Ile Ala Glu Tyr Asn Ala Pro Cys Ser Lys Asp Leu			
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 Glu Thr Gln Gln Leu Thr Pro Glu Ile Lys Ser Lys Ala Ile Gly Tyr
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 325 330 335
 Lys Ser Leu Asn Glu Glu Ala Val Lys Lys Asp Asn Ser Val His Trp
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 Thr Asn Ile Val Lys Trp Ile Thr Lys Gln Gln Asn Ala Gln Gly Gly
 405 410 415
 Phe Ser Ser Thr Gln Asp Thr Val Val Ala Leu His Ala Leu Ser Lys
 420 425 430
 Tyr Gly Ala Ala Thr Phe Thr Arg Thr Gly Lys Ala Ala Gln Val Thr
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 Trp Leu Ile Ala Pro Ser Arg Ala Cys Thr Cys Val Pro Pro His Pro
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ctg	cag	gat	gga	ctc	ttg	cac	atc	act	acc	tgc	agt	ttc	gtg	gct	ccc	443	
Leu	Gln	Asp	Gly	Leu	Leu	His	Ile	Thr	Thr	Cys	Ser	Phe	Val	Ala	Pro		
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Trp	Asn	Ser	Leu	Ser	Leu	Ala	Gln	Arg	Arg	Gly	Phe	Thr	Lys	Thr	Tyr		
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Cys	Lys	Leu	Gln	Ser	Gly	Thr	His	Cys	Leu	Trp	Thr	Asp	Gln	Leu	Leu		
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Arg	Glu	Pro	Gly	Leu	Cys	Thr	Trp	Gln	Ser	Leu	Arg	Ser	Gln	Ile	Ala		
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